

NOTES ON PAPAVER DUBIUM AND CAMASSIA ANGUSTA. These notes concern *Papaver dubium* L. and *Camassia angusta* (Engelm. & Gray) Blankinship in Illinois. Reference to *P. dubium* from Wabash County appears in Vascular Plants of Illinois (1955), and the same data are used in the Flora of Illinois, third edition, (1963). A record of this introduced European poppy is indeed mentioned by C. C. Deam in his Additions to the Flora of the Lower Wabash Valley, by Dr. J. Schneck (Proceedings of the Indiana Academy of Science, 1911). Deam says in this reference: "Papaver dubium L. In Shannon's lot. June 5, 1879". Wabash County is not specifically indicated. However, there is no reference to this plant in Schneck's Catalogue of the Flora of the Wabash Valley Below the Mouth of White River. (7th Annual Report, Geological Survey of Indiana, 1875). The author of this catalogue stated that most of the species listed were from Gibson and Posey counties in Indiana and Wabash County, Illinois.

Recent herbarium records of *P. dubium* in Illinois have been available for some time and these may be interesting. The flowers of this weedy poppy are fragile and ephemeral; and unless they are seen during early morning hours, the plants may escape casual observations. This writer notes that the habitat of all of these recent Illinois specimens is along the Baltimore & Ohio R.R. right of way in cindery soil at the edge of the railroad bed. All of the Illinois counties named below are traversed by this same railroad, but where the poppy appeared originally is not known. Collection data for recent records of *P. dubium* are: SANGAMON CO., between Rochester and Breckenridge, 7 June 1963, G. S. Winterringer, 20827. Two miles E. of Ashland, 2 June 1955, G. S. Winterringer, 11720. CASS CO., W. of Ashland, 25 May 1955, G. S. Winterringer, 11719, (Dup. at ILL). The plants in this last area had appeared annually, according to a local resident, for more than ten years. CHRISTIAN CO., near Edinburg, 7 June 1963, G. S. Winterringer 20834. (All specimens ISM).

Some authors prefer to regard *Camassia angusta* (En-

gelm. & Gray) Blankinship as a late flowering form of *C. scillioides* (Raf.) Cory. However the detailed description and treatment of *C. angusta* by J. A. Steyermark (See *Brittonia* 13: 206-11. 12 April 1961) and collections and observations of this writer incline to support Steyermark. All of the Illinois plants are from the same area in Macon County. A recent discussion with Dr. V. H. Chase reveals that material from this area probably represents our only authentic collections of *C. angusta*. It should be noted that the habitat, along a railroad right of way, is in imminent danger of being destroyed. Collection data: MACON CO., S. of the village of Elwin, 31 May 1962, *G. S. Winterringer, 19001* and 7 June 1963, *G. S. Winterringer 20837*. (All specimens ISM).

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